

ABSTRACT OF THE DISCLOSURE

Disclosed is a broadcast/communication unified passive optical network system.

The network system comprises: an optical line termination that time-division multiplexes
5 the received digital broadcast signals, receives communication signals through the internet,
and wavelength-division multiplexes and transmits the broadcast signals and the
communication signals; a plurality of optical network units connected to the optical line
termination in one-to-multi connection, each optical network unit receiving the broadcast
signals and the communication signals from the optical line termination, time-division
10 demultiplexing the broadcast signals, and sending the broadcast signals selected from the
above broadcast signals in accordance with a subscriber control signal and the
communicating signals; and, a plurality of setup boxes connected to the each optical
network unit in one-to-multi connection, each setup box receiving the broadcast signals and
communication signals from each corresponding optical network unit and sending the
15 subscriber control signal inputted by a subscriber to the corresponding optical network unit.